

**Shri Datar:** They will be spent for various measures which are in the interests of the welfare of these tribes.

**Babu Ramnarayan Singh:** What are the practical steps taken by the Government to improve the morals of these people?

**Shri Datar:** The morals will be improved provided education is spread among them.

**Shri B. S. Murthy:** May I know what special steps are taken by the Government, the Central Government as well as the State Governments in order to give them more education?

**Shri Datar:** We are starting some more schools; we are starting small-scale industries for them; and other necessary steps are also being taken. Especially in respect of the housing problem greater attention is being paid.

**Mr. Deputy-Speaker:** There is a Criminal Tribes Enquiry Committee Report: The proceedings of the conference are also there. Hon. Members, in the off-session time, will kindly go through all this material and come prepared and elicit some more information which is not available in the literature kept in the Library instead of putting questions again and again on matters which can be found in the literature available in the Library.

#### NEW PROCESS FOR MAKING FERTILIZERS

\*442. **Shri M. L. Dwivedi:** Will the Minister of Natural Resources and Scientific Research be pleased to state whether Government have considered the possibilities of working out the prospects of the new process to make fertilizers—a process for converting low grade phosphatic nodules obtained in Trichinopoly and Singhbhum into useful fertiliser without the use of sulphuric acid which is in short supply—which has been developed in the Indian Institute of Science, Bangalore?

The Deputy Minister of Natural Resources and Scientific Research (**Shri K. D. Malaviya**): The technical details of the process worked out by the C.S.I.R. at the Indian Institute of

Science, Bangalore, were made available to the Governments of Madras and Bihar free of cost in December 1944 with a view to the establishment in those States of a small scale industry. The Madras and Bihar Schemes did not materialise. C.S.I.R. have now published in the Journal of Scientific and Industrial Research a note giving technical information regarding the process for general information with a view to attracting industrialists to exploit the process on a commercial scale.

**Shri M. L. Dwivedi:** May I know if any experiment is being conducted anywhere to manufacture this fertilizer, through the new process in bulk?

**Shri K. D. Malaviya:** Yes, Sir, the National Chemical Laboratory is still engaged in conducting experiments on the phosphatic nodules from Singhbhum and Trichinopoly. They have completed the process. It is now with the Commerce and Industry Ministry to find out if some industrialists would take it up.

**Shri M. L. Dwivedi:** Will the cost per ton of the new fertilizer, as compared to the old fertilizer, be somewhat less?

**Shri K. D. Malaviya:** I am afraid I cannot give any idea about the cost.

**Kumari Annie Mascarene:** May I know whether Government has sought expert advice in the matter?

**Shri K. D. Malaviya:** Yes, Sir, expert advice is already available to us. We know all about it.

**Shri Muniswamy:** May I know whether the Minister is in a position to give us the total quantity of these phosphatic nodules which are obtained in Trichinopoly?

**Mr. Deputy-Speaker:** The raw material.

**Shri K. D. Malaviya:** Sir, I cannot give any quantitative estimate of the raw material which is available in Trichinopoly.

#### REGIONAL OFFICES FOR TECHNICAL EDUCATION

\*443. **Shri Raghunath Singh:** (a) Will the Minister of Education be pleased to state whether it is a fact